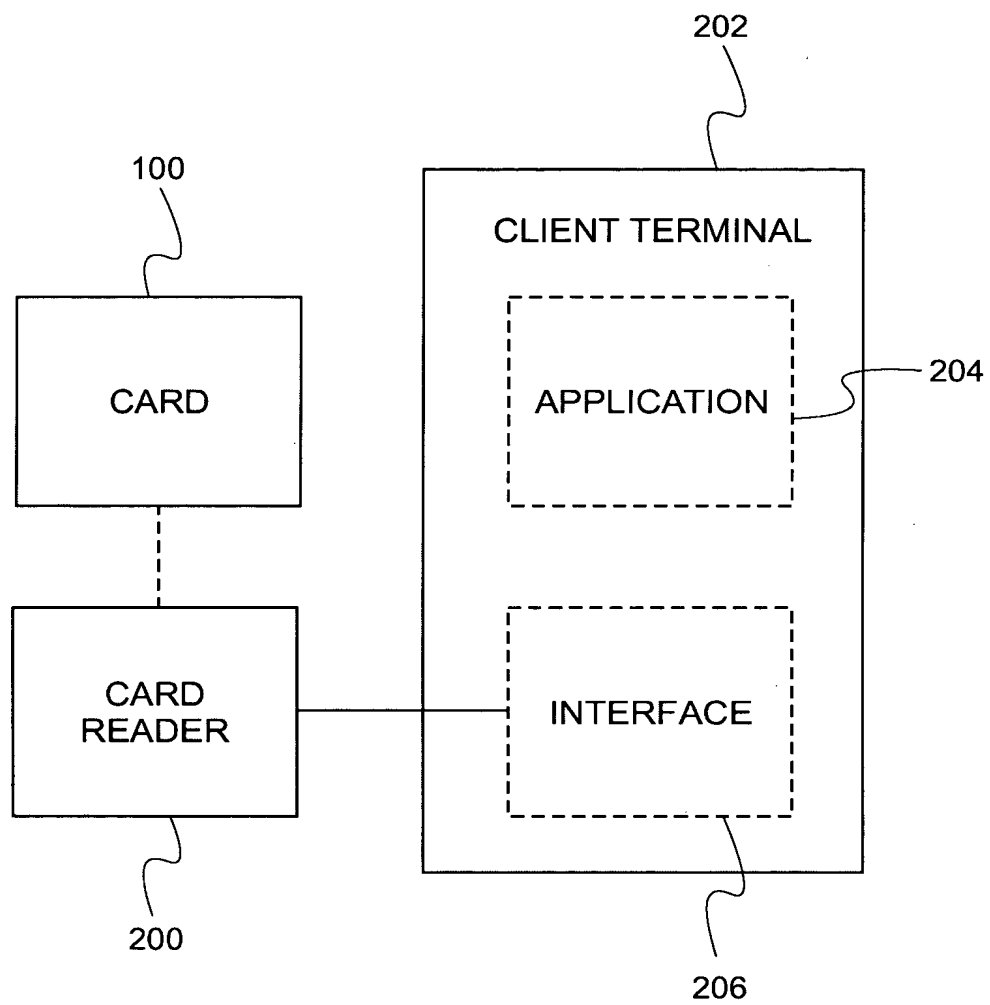


**Fig. 1**



**Fig. 2**

# Regional System Model

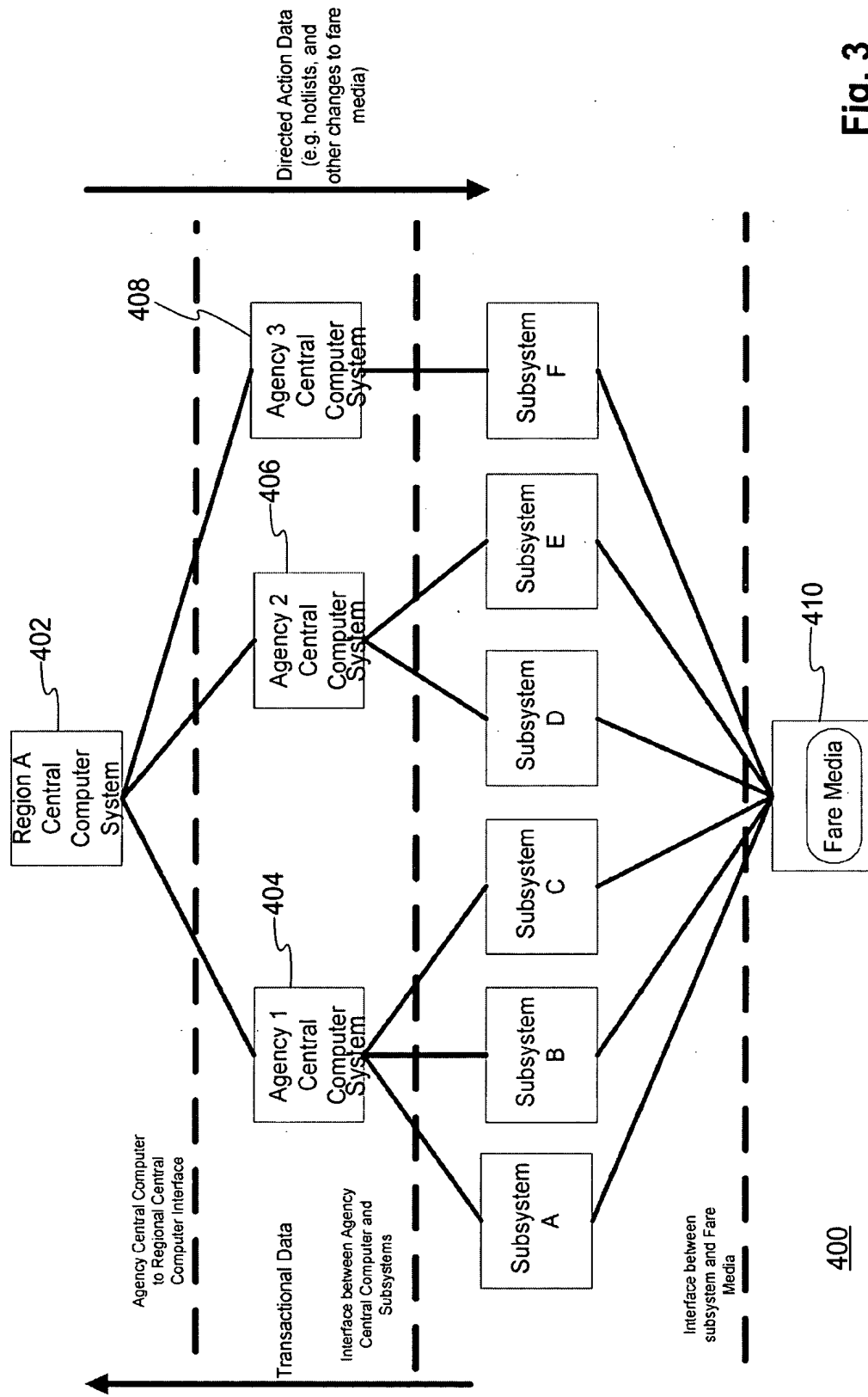
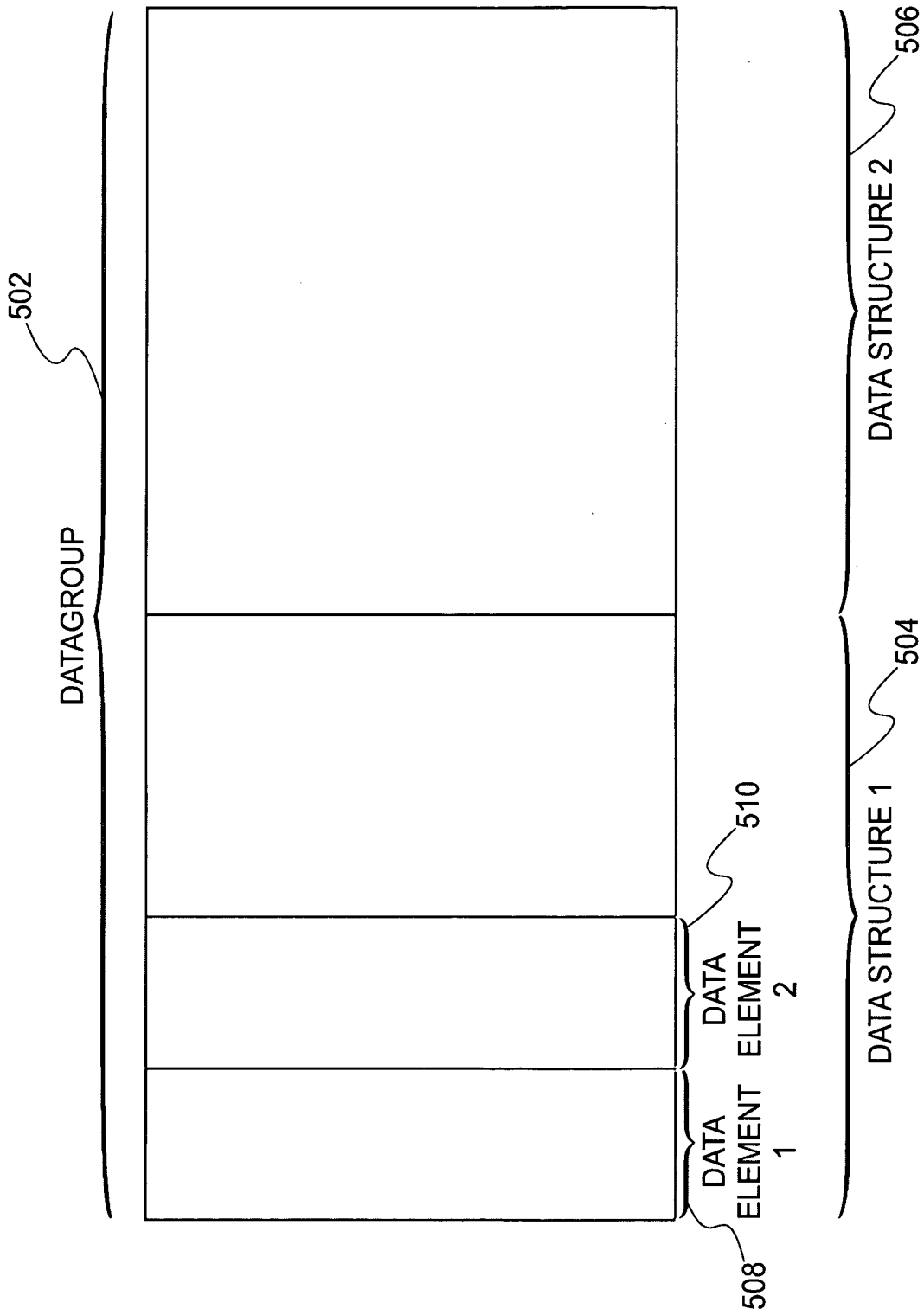
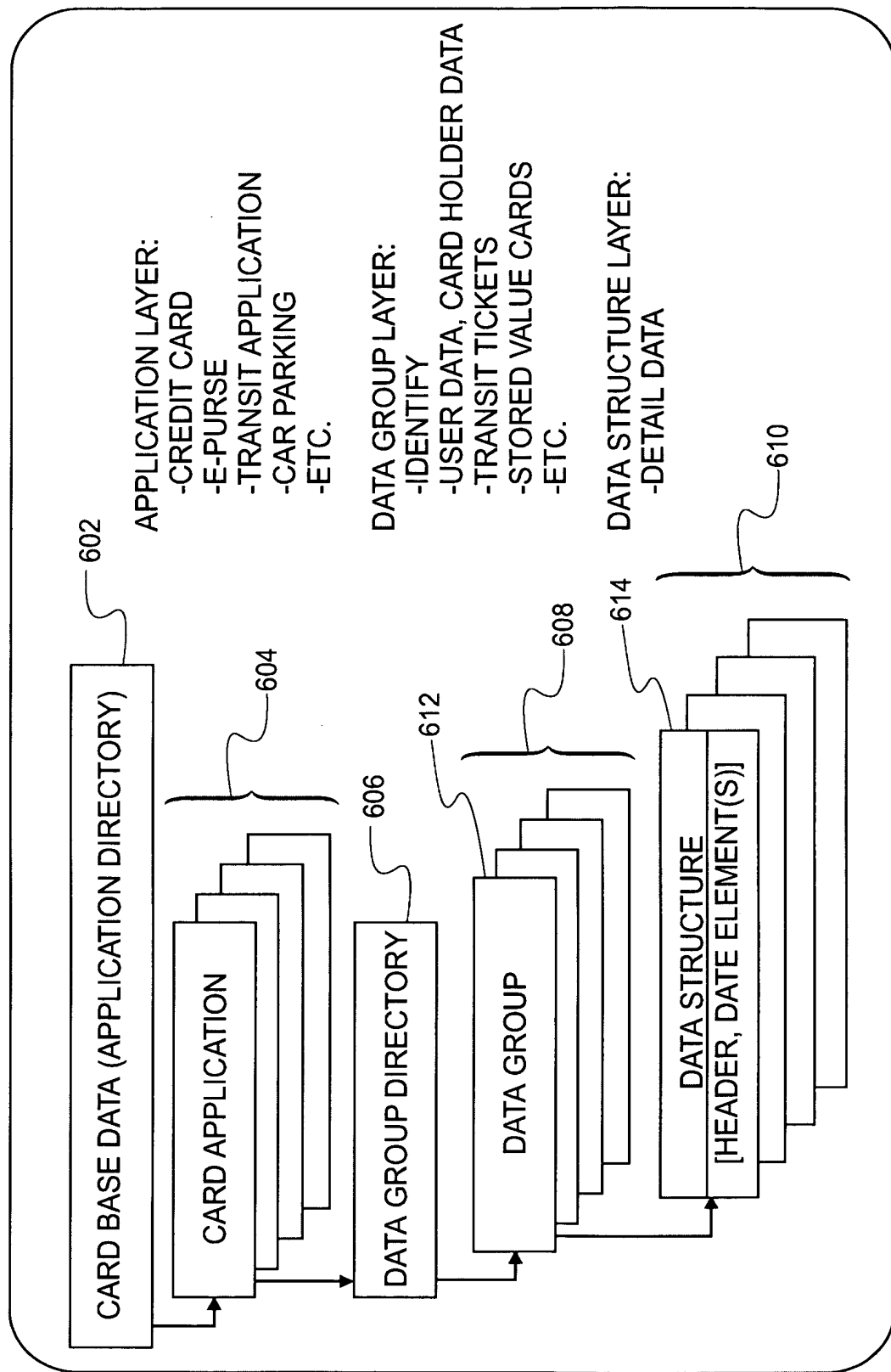


Fig. 3





**Fig. 5**



**Fig. 6**

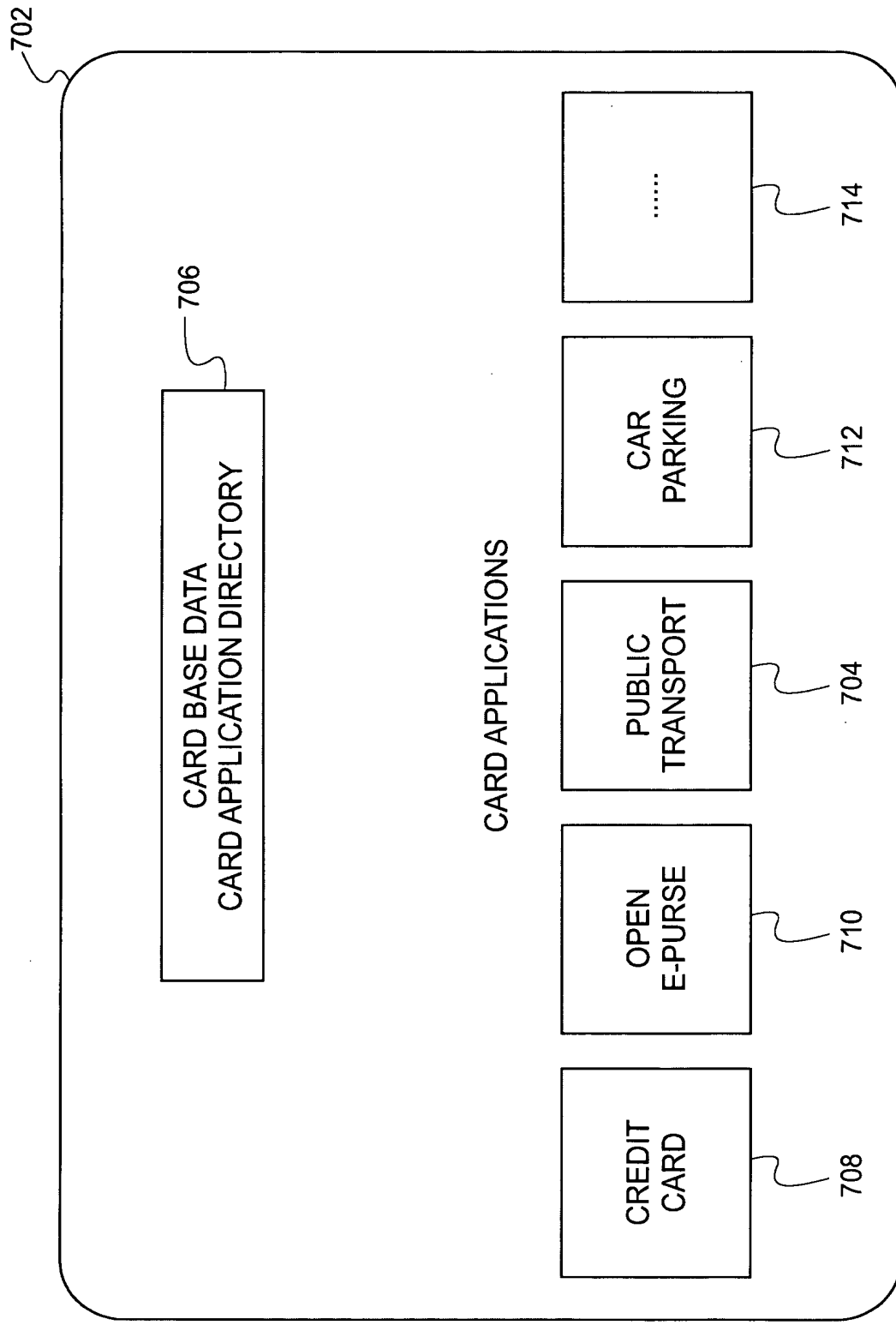


Fig. 7

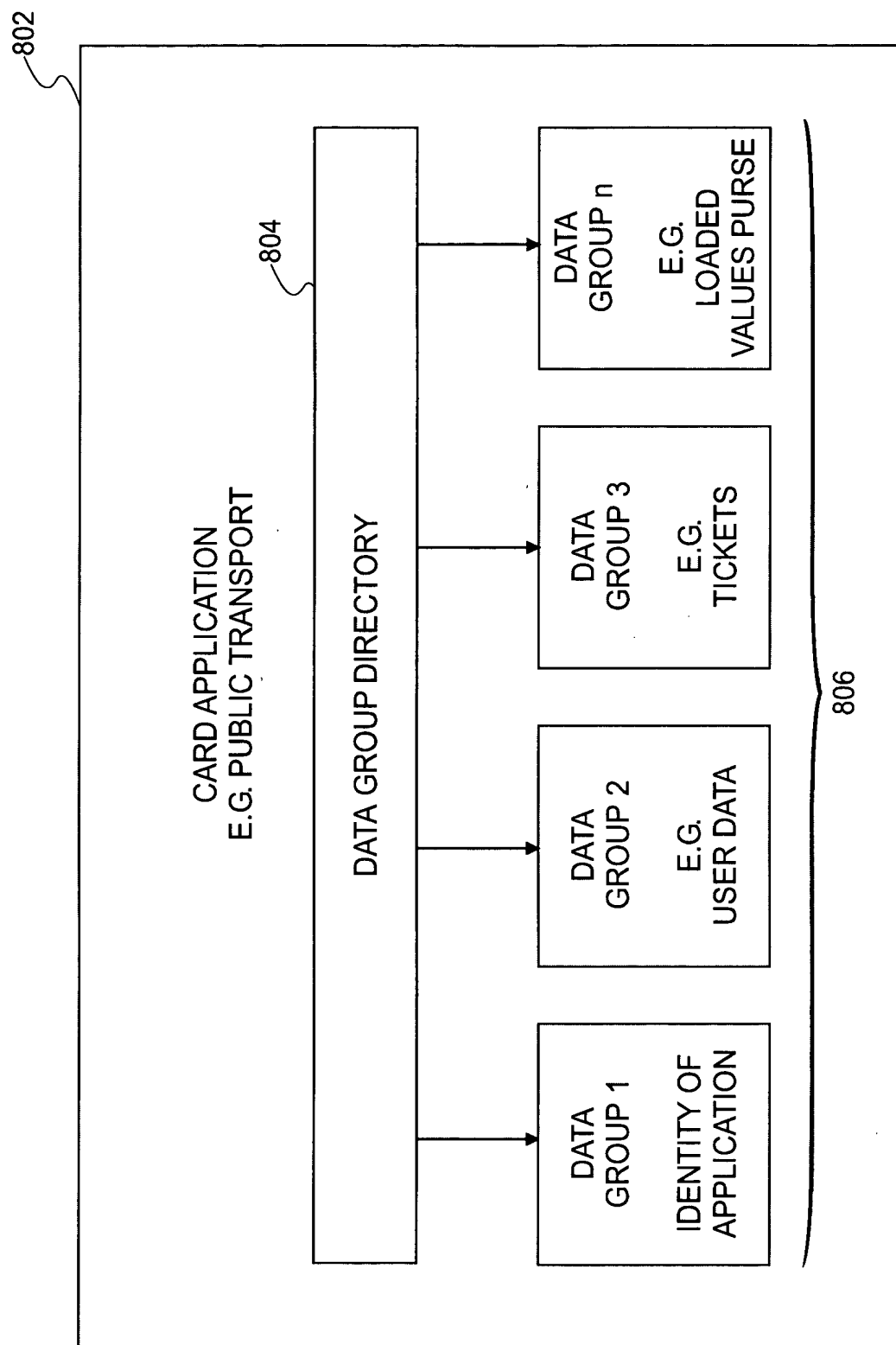
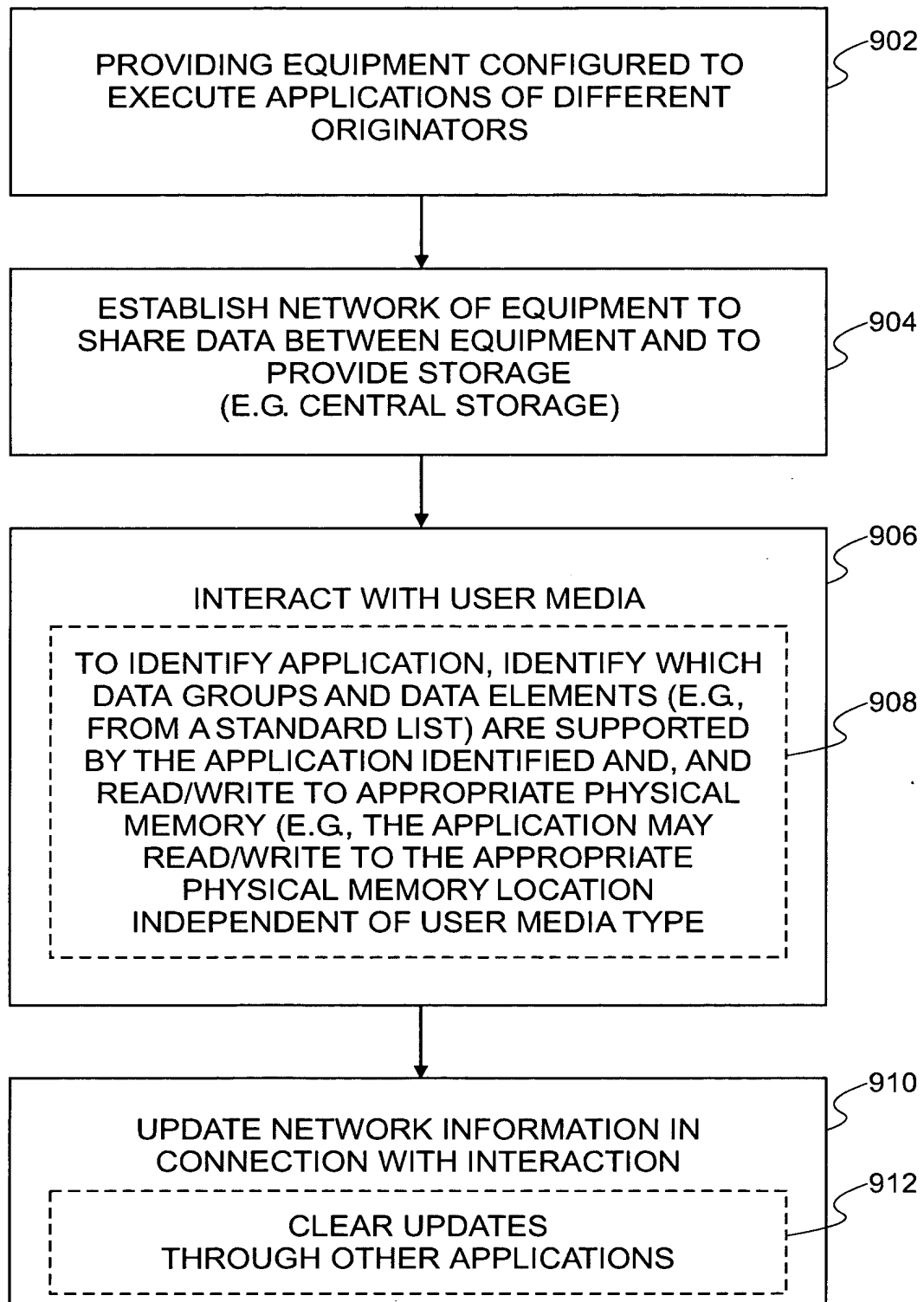
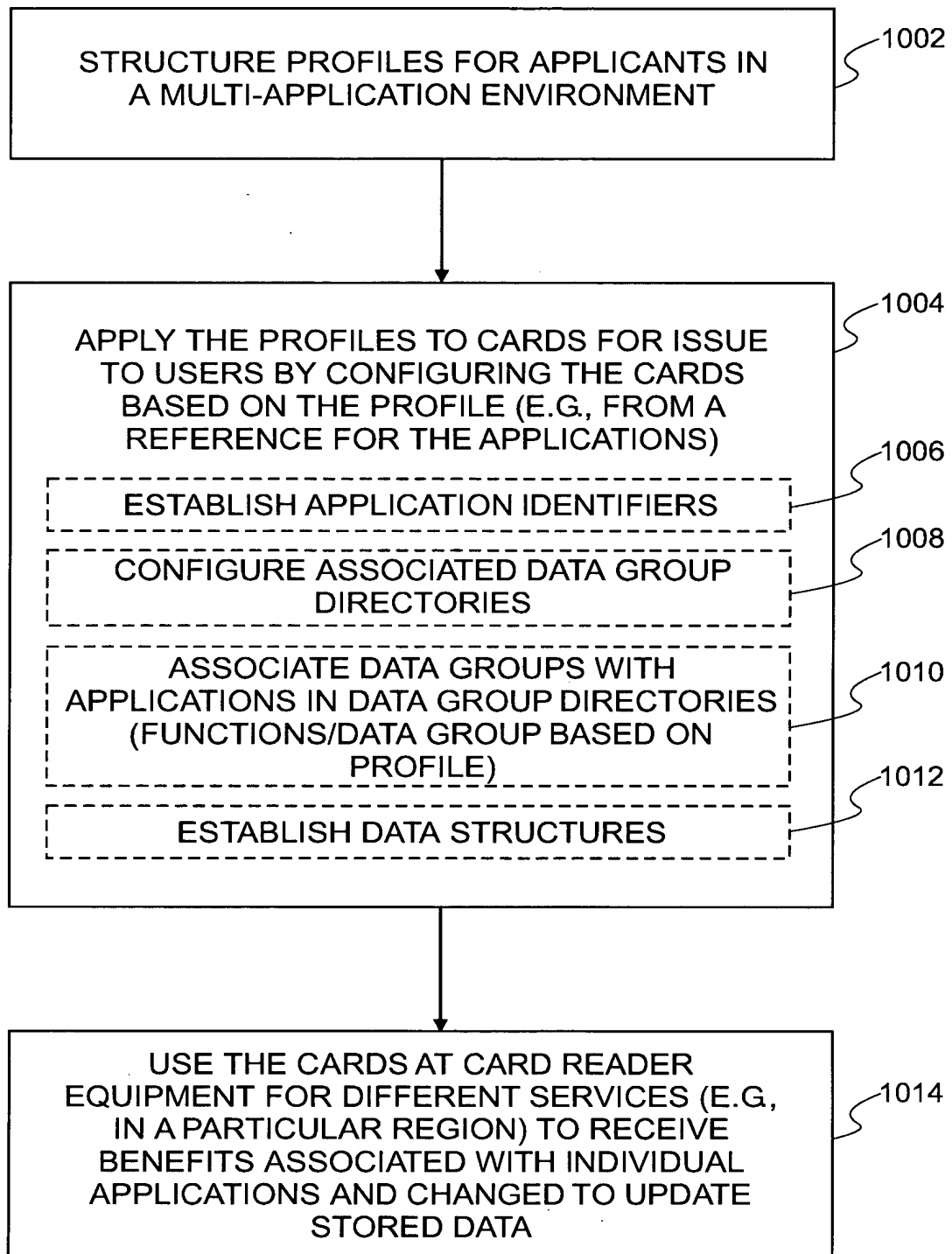


Fig. 8

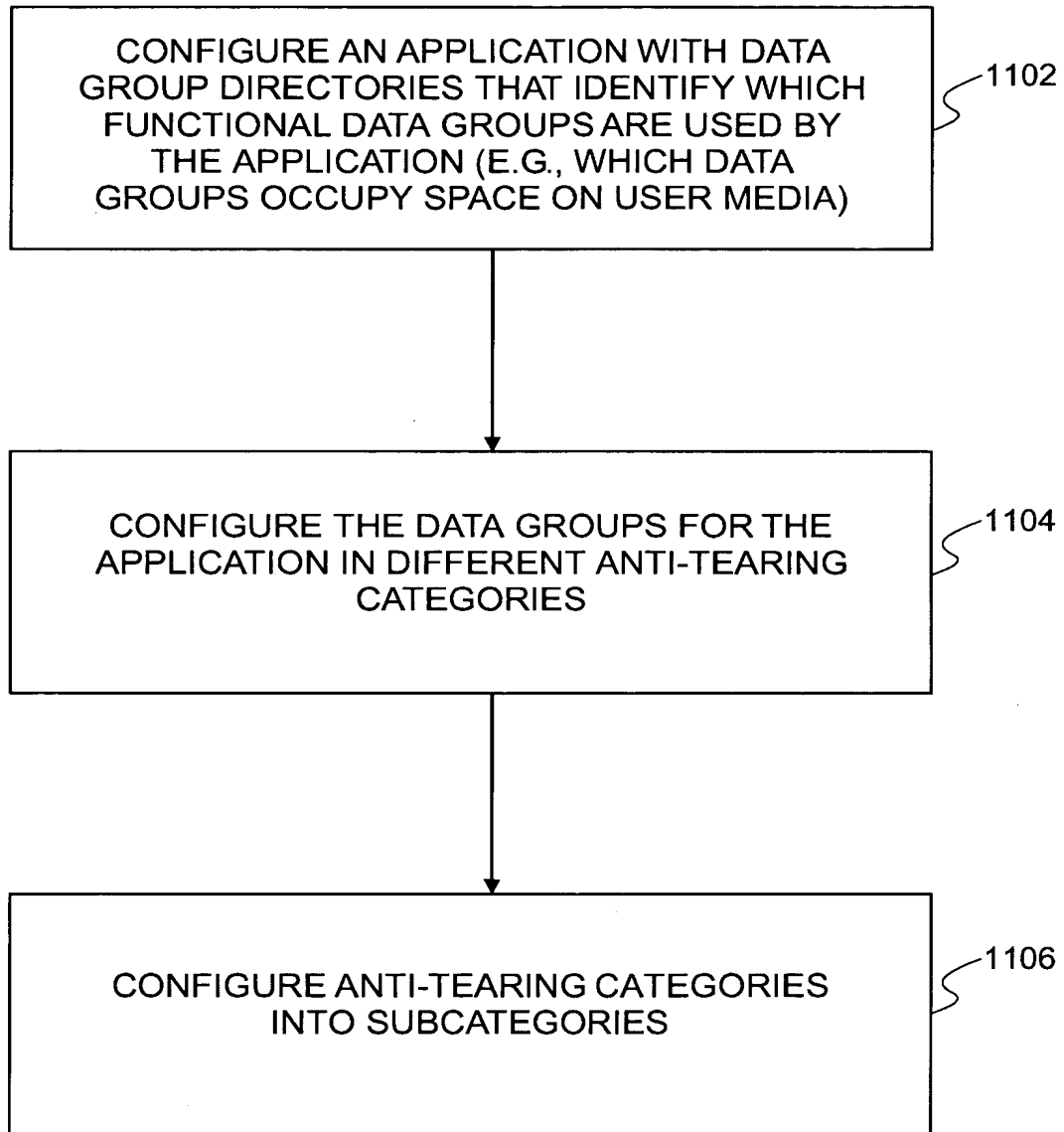




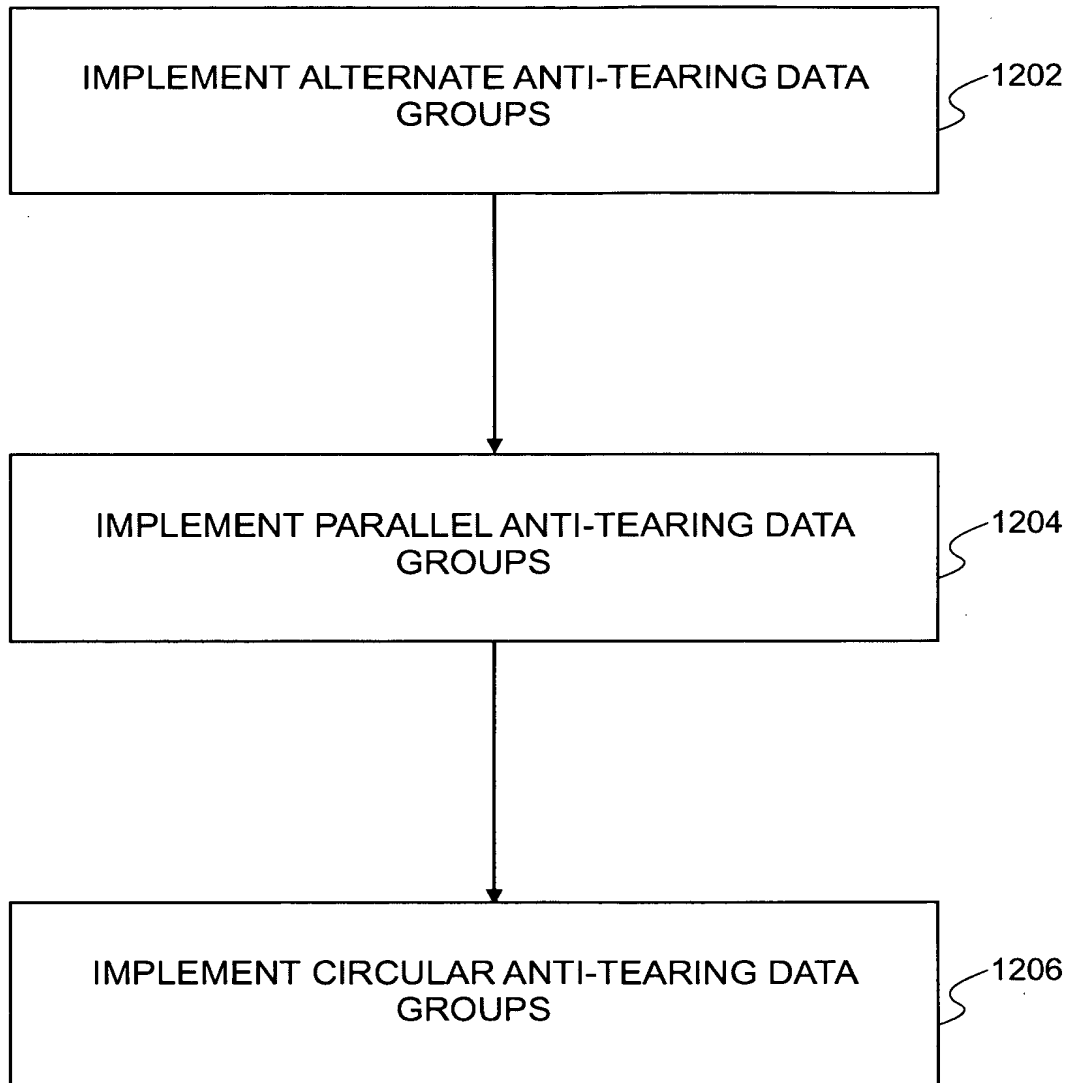
**Fig. 9**



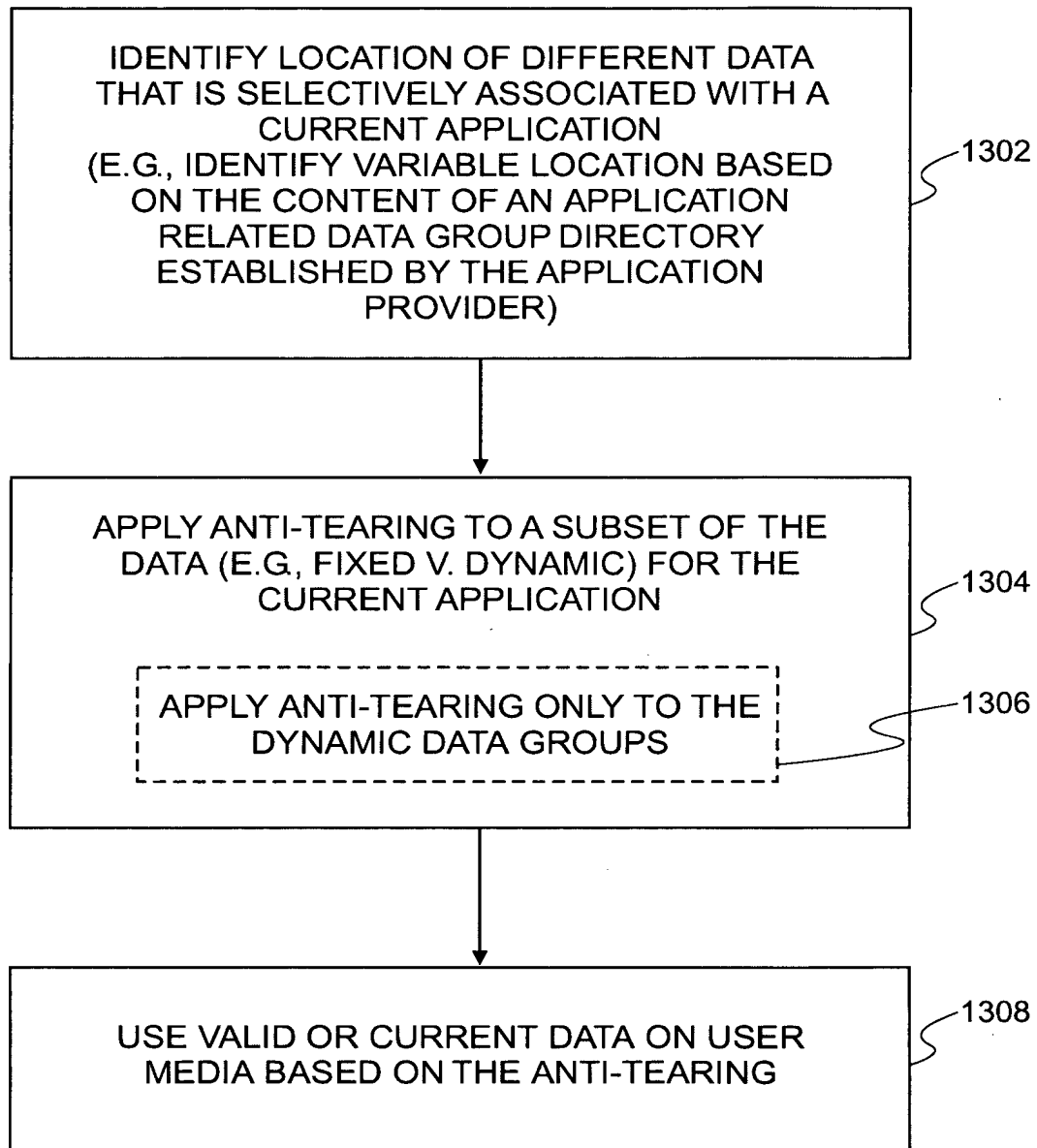
**Fig. 10**



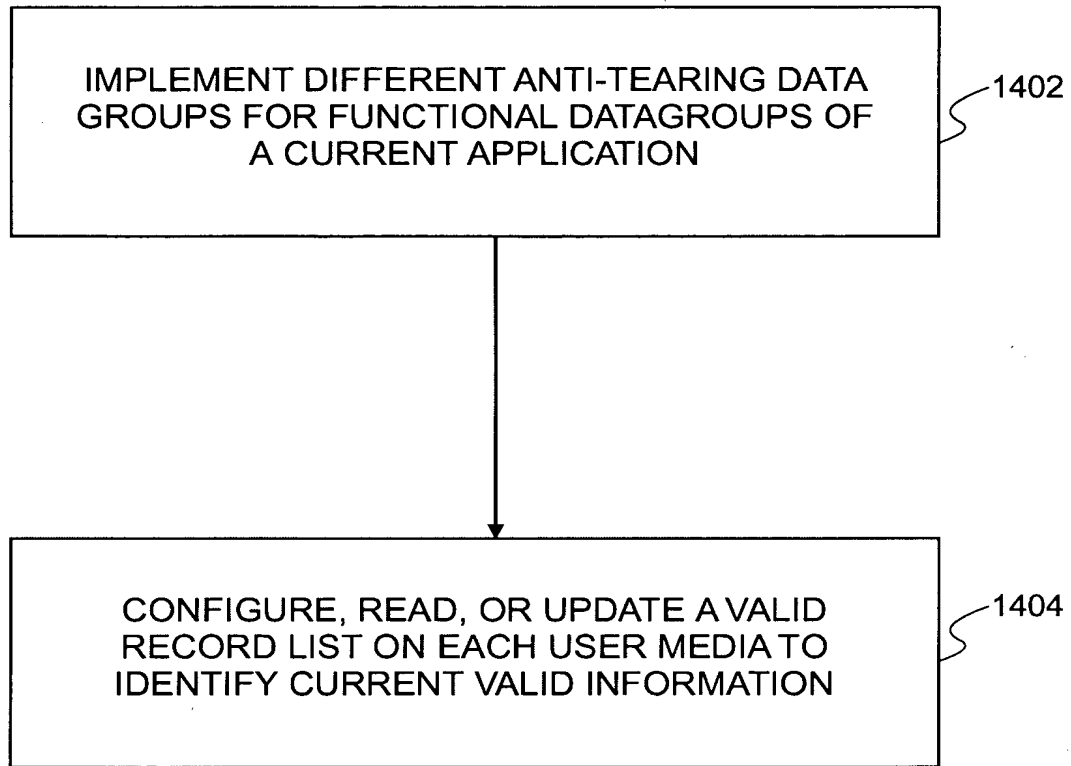
**Fig. 11**



**Fig. 12**



**Fig. 13**



**Fig. 14**

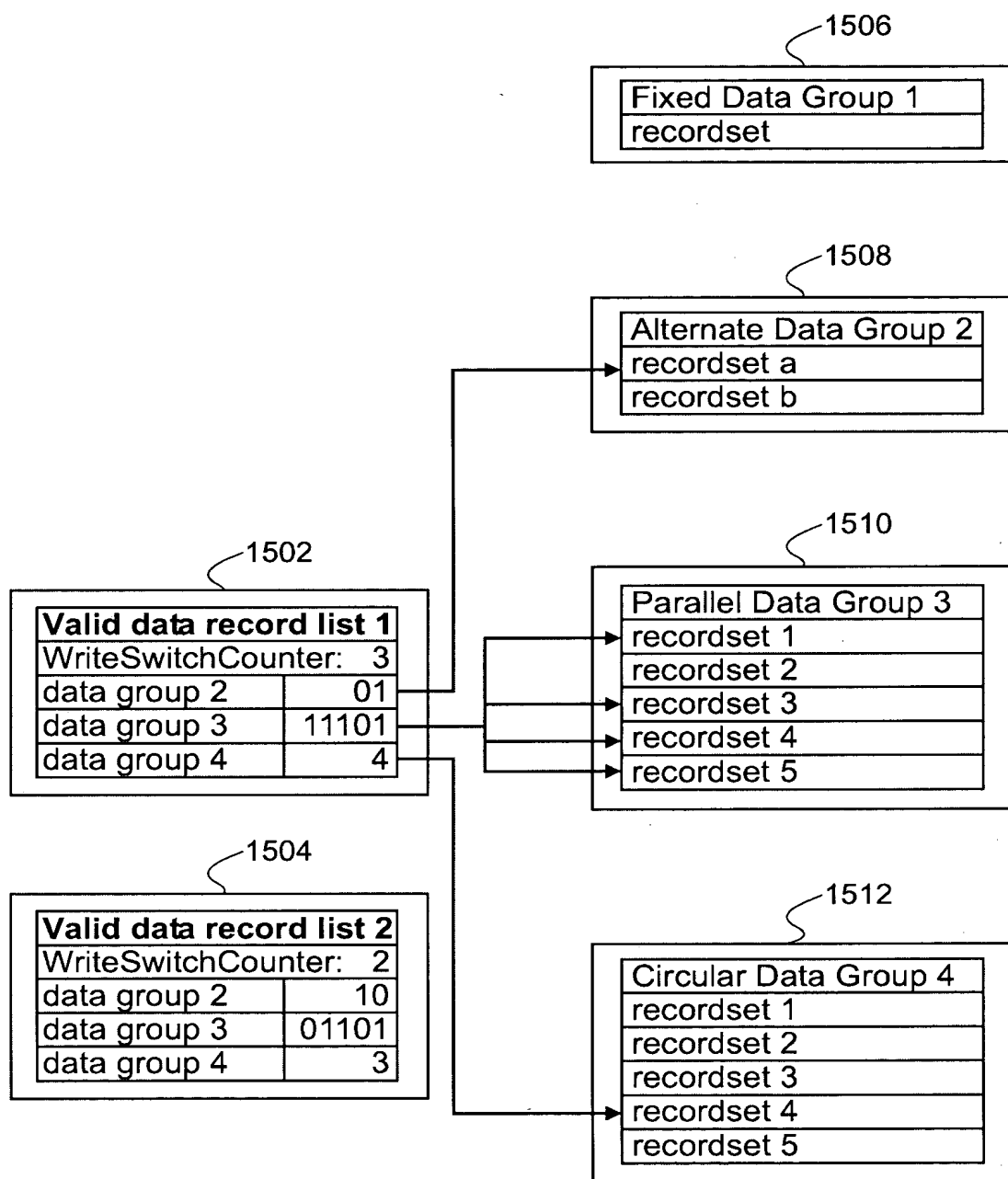


Fig. 15